

Attorney Docket No.: DEX-0199  
Inventors: Salceda et al.  
Serial No.: 09/817,318  
Filing Date: March 26, 2001  
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This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of the claims:

Claim 1 (currently amended): An isolated polynucleotide comprising:

(a) SEQ ID NO: 1;

~~(b) a fragment of SEQ ID NO: 1 encoding a 15 to 139 amino acid sequence, or~~

~~(c)~~ (b) a nucleic acid sequence with 95% identity to an antisense sequence of SEQ ID NO: 1 and which is upregulated in or specific to human mammary gland cancer tissue.

Claim 2 canceled.

Claim 3 (original): A vector comprising the polynucleotide of claim 1.

Claim 4 (original): A host cell expressing the vector of claim 3.

Claim 5 (currently amended): A method for producing a mammary gland cancer specific polypeptide recombinantly encoded by a nucleic acid sequence comprising SEQ ID NO:1 or ~~a fragment of a nucleic acid sequence of SEQ ID NO: 1 encoding a 15 to 139 amino acid sequence~~ a nucleic acid sequence with 95% identity to

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an antisense sequence of SEQ ID NO: 1 and which is upregulated in or specific to human mammary gland cancer tissue comprising culturing the host cell of claim 4 under conditions which promote expression of the nucleic acid sequence and isolating polypeptide expressed in the cells.

Claim 6 (currently amended): A method for producing a cell expressing a mammary gland cancer specific polypeptide recombinantly encoded by a nucleic acid sequence comprising SEQ ID NO:1 or ~~a fragment of a nucleic acid sequence of SEQ ID NO: 1 encoding a 15 to 139 amino acid sequence~~ a nucleic acid sequence with 95% identity to an antisense sequence of SEQ ID NO: 1 and which is upregulated in or specific to human mammary gland cancer tissue comprising transforming or transfecting a cell with the vector of claim 3 so that the cell, under appropriate culture conditions, expresses a mammary gland cancer specific polypeptide.

Claims 7-25 canceled